

METHOD FOR ACTIVATING NANOTUBES AS FIELD EMISSION SOURCES

ABSTRACT

5 A field emission source comprising a first conductive
region, a layer of nanotubes deposited on the first conductive
region, and a second conductive region placed over and spaced
from the nanotube coated first conductive region. After the
device structure is fabricated, a laser beam is used to
10 dislodge one end of the nanotube from the first conductive
surface and an electric field is simultaneously applied to
point the freed end of the nanotube at the second conductive
region.